March 3, 2005
Job No. 1543.01

Mr. Galen Hathaway
P.O. Box 100
Willits, California 95490

Subject: 1st Quarter 2005 Monitoring Report - Site Closure Request
150 South Main Street, Willits, California
Case No. 1TMC537

Dear Mr. Hathaway

This report presents the results of the 1st Quarter 2005 groundwater monitoring and sampling event performed at the subject site. The site is approximately located as shown on the attached Site Location Map, Plate 1. The work was performed in accordance with recommendations made in our June 22, 2004 Results of Soil and Groundwater Investigation/Sensitive Receptor Survey and concurred upon in a letter dated July 19, 2004 from Ms. Colleen Stone of the North Coast Regional Water Quality Control Board (NCRWQCB).

Monitoring Well Sampling

On February 3, 2005, groundwater samples were collected from monitoring wells (wells) MW-1 through MW-3. The wells and general site features are approximately located as shown on the Site Plan/Groundwater Elevation Contour Map, Plate 2. The static groundwater levels were measured and each well was checked for the presence of free product using an oil/water interface probe. No free product was reported during this monitoring event. To produce representative groundwater samples prior to sampling, the wells were purged of approximately three well casing volumes using a submersible pump. In addition, indicator parameters such as the temperature, pH and conductivity were measured during purging and allowed to stabilize before sampling. The data collected during purging was recorded on the attached Groundwater Field Sampling Forms, Appendix A. Each well was allowed to recover to approximately 90% of its original well casing volume prior to sampling. Groundwater samples were collected using a separate disposable bailer for each well, then transferred to the appropriate containers supplied by the laboratory. The groundwater samples were labeled, stored on ice and then transported under Chain-of-Custody documentation to Alpha Analytical Laboratories (Alpha) of Ukiah, California for chemical analysis. Purge groundwater generated during the sampling of the wells was stored onsite in 55-gallon Department of Transportation (DOT) approved drums, pending disposal.

Water Level Measurements

On February 18, 2005, top of casing (TOC) elevations for wells MW-1 through MW-3 were re-surveyed by BLK Land Surveyors of Meyers Flat, California to 0.01 foot and relative to mean sea level (msl). The land surveyor's report is attached in Appendix B. TOC elevations, measured depths to groundwater, calculated groundwater level elevations, and the calculated groundwater flow direction and gradient for the May 20, August 18, November 2, 2004, and February 3, 2005 monitoring events are tabulated on Table 1. Elevations are expressed in feet relative to msl, depths are expressed in feet and gradients are expressed in feet per foot.

Table 1: Groundwater Elevation Data

Date	Monitoring Well	TOC Elevation (feet)	Water Level Depth (feet)	Water Level Elevation (feet)	Groundwater Flow Direction & Gradient (i)
05/20/04*	MW-1	1383.65	8.70	1374.95	Southeast i = 0.01
	MW-2	1383.15	8.00	1375.15	
	MW-3	1381.72	6.78	1374.94	
08/18/04*	MW-1	1383.65	9.67	1373.98	Southeast i = 0.02
	MW-2	1383.15	8.73	1374.42	
	MW-3	1381.72	7.48	1374.24	
11/02/04*	MW-1	1383.65	9.05	1374.60	Southeast i = 0.01
	MW-2	1383.15	8.22	1374.93	
	MW-3	1381.72	6.96	1374.76	
02/03/05	MW-1	1383.65	6.30	1377.35	Northeast i = 0.02
	MW-2	1383.15	5.82	1377.33	
	MW-3	1381.72	4.80	1376.92	

* = Groundwater flow direction and gradient were re-calculated with new TOC elevations.

Groundwater elevation contours based on MW-1 through MW-3 for the February 3, 2005 monitoring event are shown on Plate 2.

Laboratory Analytical Results

Groundwater samples collected from MW-1 through MW-3 on February 3, 2005 were analyzed for total petroleum hydrocarbons (TPH) as diesel and the volatile organic compounds: benzene, toluene, ethyl benzene, and total xylenes (BTEX) using Environmental Protection Agency (EPA) Test Method 8015 and 8260B, respectively. In addition, the samples were analyzed for the oxygenated fuel additives including methyl tert-butyl ether (MtBE) using EPA Test Method 8260B. The groundwater sample analytical results from the May 20, August 18, and November 2, 2004, and February 3, 2005 sampling events are tabulated on page 3, Table 2 and are presented in units of micrograms per liter (*µg/L*). The laboratory chemical report, including the Chain-of-Custody documentation is attached in Appendix C.

Table 2 - Groundwater Analytical Results

Date	Well ID	TPH as diesel	B	T	E	X	MtBE
		µg/L					
05/20/04	MW-1	**63**	<1.5	<1.5	<2.5	<2.5	<2.5
	MW-2	**56**	<0.60	<0.60	<1.0	<1.0	<1.0
	MW-3	<50	<6.0	<6.0	<10	<10	<10
	MW-1*	<50	<6.0	<6.0	<10	<10	<10
08/18/04	MW-2	<50	<3.0	<3.0	<5.0	<5.0	<5.0
	MW-3*	<50	<6.0	<6.0	<10	<10	<10
11/02/04	MW-1	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	MW-2	<50	<0.30	<0.30	<0.50	<0.50	<0.50
	MW-3**	<50	<1.5	<1.5	<2.5	<2.5	<2.5
	MW-1*	<50	<3. 0	<3. 0	<5.0	<5.0	<5.0
02/03/05	MW-2*	<50	<0.60	<0.60	<1.00	<1.00	<1.00
	MW-3*	<50	<3.0	<3.0	<5.0	<5.0	<5.0

< = less than laboratory test method detection limits.
* = The reporting limits were raised due to matrix interference.
** = The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

Discussion

Consistent with the previous sampling event, samples collected from wells MW-1 through MW-3 are below laboratory detection limits for the analyses requested. This sampling event represents the fourth consecutive quarterly monitoring event for the site. Analytical results for the last three quarters have been below the laboratory test method detection limits for TPH-d, BTEX, and the five oxygenated fuel additives including MtBE.

We respectfully request that the site be considered for case closure and that no further action be required for the site.
We appreciate the opportunity to be of service to you and trust that this provides the information you require at this time. If you have any questions, please feel free to contact us at (707) 575-8622 or at www.transtechconsultants.com.

Sincerely,
TRANS TECH CONSULTANTS

Brian R. Hasik
Staff Geologist

Lee S. Hurvitz, RG 7573
Senior Geologist

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Attachments:

Plate 1, Site Location Map
Plate 2, Site Plan / Groundwater Elevation Contour Map
Appendix A, Groundwater Field Sampling Forms
Appendix B, Land Surveyor Report
Appendix C, Alpha Analytical Laboratory Report dated February 11, 2005
Distribution List

DISTRIBUTION LIST

4th Quarter Monitoring Report

150 South Main Street
Willits, California

Dated March 3, 2005
Job No. 1543.01

Ms. Colleen Stone
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403